

- I. Go over last week's action items
- A. Bob Stancil – talk to Susan Semancik about Mission Graphics
 - 9-12 months to rewrite & redesign current software to incorporate multiple sources
 - recommend IRIS upgrade to version 6.5
 - conduct design meetings to enhance system & eliminate unwanted aspects
 - need data dictionary to remove Gould
 - redesign Ethernet buffer
 - B. Jeanette Smolinski – Goddard STK user's group
 - No word on STK user's group
 - C. Rodney Davis – Sammi
 - Provided handout
 - Display creator, displays info: graphs, plots, and defines screens...
 - Runs on UNIX, NT
 - Uses Java, can run displays on the web
 - Sammi demo – probably after Thanksgiving
 - D. Mark Coffman – Java
 - Advantage, full control over display
 - Background on Java
 - E. Debbie Parks – other COTS
 - Labview – does temps, voltages
 - Global Majic Software (similar to Labview)
 - Bester Tracking Systems – does mapping (similar to STK)
 - Labview demo next Thursday @ 8:30
 - F. Tom Taylor – other user's graphics systems
 - Getting POC for White Sands
 - Kennedy – replacing control center
 - SLCS display, sounds like Sammi
 - Doesn't work well under NT
 - Will be in Washington early Dec., go see demo or bring it here
 - Good info doing exactly the same as us
 - Mixture of COTS and government developed software
- II. Cards
- A. look at KSC system delta launches
 - B. Implement a data dictionary for graphics (www)?
 - C. Need multiple bests when have multiple targets
 - D. Different components of system could have different operating systems
 - Need to choose OS/language combo for entire system
 - E. graphics display should be in windows, not full screen
 - F. plan for system maintenance & upgrades
 - config. control for development, source, hardware, OS
 - test in operational environment
 - G. Components of the processing system:
 - Filtering, orbit prediction, UDCR, best select, editing, interpolation, pavallaxing, biasing (refraction & differential correction), debris IIP

- III. Go over old pages
Concepts Discussed through 10/22/98 Meeting
Changes have been made to the attached document in red Italics
- IV. For next meeting
- Finish last action items
 - Develop a picture of what you think the new system should look like

Questions: Redesign of Graphics should be part of RADAC design at least set requirements
Where should "best select" be done
What's available in current technology, what are our goals, how do we obtain goals
Sammi Demo?
How do we interface with external users (www)?
How do we handle security (www)?
There are many display oriented COTS packages available
Labview seminar?
Should TELPro be part of the front end?
Aerotrack?
Best selection restrictions?